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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/698,087
				Filing Date	10/31/2003
				First Named Inventor	Robert S. Howland
				Group Art Unit	Unknown
Examiner Name	Unassigned				
Sheet	1	of	10	Attorney Docket Number	703716.4001

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			
	1	2,696,817	A	Prevo	12/14/1954	
	2	3,997,138	A	Crock et al.	12/14/1976	
	3	4,599,086	A	Doty	07/08/1986	
	4	4,648,388	A	Steffee	03/10/1987	
	5	4,653,481	A	Howland et al.	03/31/1987	
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	7	4,743,256	A	Brantigan	05/10/1988	
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	9	4,805,602	A	Puno et al.	02/21/1989	
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	11	4,820,305	A	Harms et al.	04/11/1989	
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	20	4,932,975	A	Main et al.	06/12/1990	
	21	4,944,743	A	Gotzen et al.	07/31/1990	
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	25	4,987,892	A	Krag et al.	01/29/1991	
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	27	5,000,165	A	Watanabe	03/19/1991	
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	29	5,002,542	A	Frigg	03/26/1991	
	30	5,005,562	A	Cotrel	04/09/1991	
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	33	5,011,484	A	Bréard	04/30/1991	
Examiner Signature	DOCSOC1:46205.1				Date Considered	2/18/2006


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Substitute for form 1449A/PTO		Complete if Known		
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/698,087	
		Filing Date	10/31/2003	
		First Named Inventor	Robert S. Howland	
		Group Art Unit	Unknown	
		Examiner Name	Unassigned	
2	of	10	Attorney Docket Number	703716.4001

34	5,015,247	A	Michelson	05/14/1991
35	5,030,220	A	Howland	07/09/1991
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37	5,041,113	A	Biedermann et al.	08/20/1991
38	5,042,982	A	Harms et al.	08/27/1991
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48	5,085,660	A	Lin	02/04/1992
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55	5,112,332	A	Cozad et al.	05/12/1992
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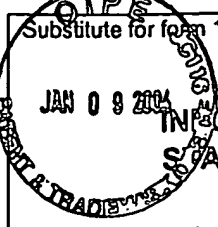
Examiner Signature	DOCSOC1:1462051	Date Considered	2/18/2006
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				Group Art Unit	Unknown
				Examiner Name	Unassigned
Sheet	3	of	10	Attorney Docket Number	703716.4001

70	5,147,402	A	Bohler et al.	09/15/1992
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84	5,176,679	A	Lin	01/05/1993
85	5,176,680	A	Vignaud et al.	01/05/1993
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Examiner Signature	DOCS01:146203.1	Date Considered	2/18/2006
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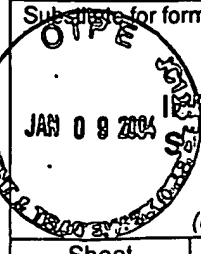
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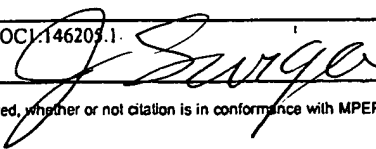
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				Group Art Unit	Unknown
				Examiner Name	Unassigned
Sheet	4	of	10	Attorney Docket Number	703716.4001

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Attorney Docket Number				703716.4001	
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178	5,545,166	A	Howland	08/13/1996	
179	5,549,608	A	Errico et al.	08/27/1996	
180	5,554,157	A	Errico et al.	09/10/1996	
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182	5,584,834	A	Errico et al.	12/17/1996	
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210	6,010,504	A	Rogozinski	01/04/2000	
211	6,015,409	A	Jackson	01/18/2000	
212	6,019,759	A	Rogozinski	02/01/2000	
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Note for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Application Number	10/698,087				
Filing Date	10/31/2003				
First Named Inventor	Robert S. Howland				
Group Art Unit	Unknown				
Examiner Name	Unassigned				
Attorney Docket Number	703716.4001				
Sheet	7	of	10		

214	6,083,226	A	Fiz	07/04/2000	
215	6,113,601	A	Tatar	09/05/2000	
216	6,132,434	A	Sherman et al.	10/17/2000	
217	6,261,287	B1	Metz-Stavenhagen	07/17/2001	
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228	6,562,040	B1	Wagner	05/13/2003	
229	6,565,567	B1	Haider	05/20/2003	
230	6,595,992	B1	Wagner et al.	07/22/2003	

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Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	231	Centerpulse Spine-Tech Website pages on the ST360 TM Spinal Fixation System (http://www.centerpulsespinetech.com/spine/products/lumbar/st360/index)	
	232	Centerpulse Spine-Tech Website pages on the Silhouette TM product (http://www.centerpulsespinetech.com/spine/products/lumbar/silhouette/index)	
	233	Centerpulse Spine-Tech Website pages on the Optima TM Spinal Fixation System (http://www.centerpulsespinetech.com/spine/products/lumbar/optima/index)	

Examiner Signature	DOCSOC1:146205-1	Date Considered	2/18/2006
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Substitute for form 1449A/PTO		Complete if Known	
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/698,087
		Filing Date	10/31/2003
		First Named Inventor	Robert S. Howland
		Group Art Unit	Unknown
		Examiner Name	Unassigned
		Attorney Docket Number	703716.4001
8	of	10	

234	Centerpulse Spine-Tech Website pages on the DYNESYS® The Dynamic Stabilization System (http://www.centerpulsestapinetech.com/spine/products/lumbar/dynesys/index)	
235	Medtronic Sofamor Danek Website pages on the TSRH® Spinal System (http://www.sofamordanek.com/stripcontent.php?parent_file=/physician-spinal-trsh.html...)	
236	Medtronic Sofamor Danek Website pages on the CD HORIZON® Spinal System (http://www.sofamordanek.com/stripcontent.php?parent_file=/physician-spinal-spinal.htm...)	
237	Medtronic Sofamor Danek Website pages on the CD HORIZON® M8 and M10 Spinal Systems (http://www.sofamordanek.com/stripcontent.php?parent_file=/physician-spinal-fas.html&...)	
238	Medtronic Sofamor Danek Website pages on the CD HORIZON® M8 and M10 Multi Axial Screw Spinal Systems (http://www.sofamordanek.com/stripcontent.php?parent_file=/physician-spinal-mas.html...)	
239	Medtronic Sofamor Danek Website pages on the COLORADO 2™ Spinal System (http://www.sofamordanek.com/stripcontent.php?parent_file=/physician-spinal-colorado.h...)	
240	Medtronic Sofamor Danek Website pages on the TSRH-3D® Vertebral Body Reduction Spinal Instrumentation (http://www.sofamordanek.com/stripcontent.php?parent_file=/physician-spinal-trshvbr.ht...)	
241	05/12/2003 Press Release from Aesculap Website entitled "Aesculap announces agreement with spinal innovations for SHADOW™ pedicle screw system" (http://www.aesculap-usa.com/aboutus/in_news/ab_in_news13.html), 1999-2002	
242	Aesculap Website pages on its Cranio Spine Business unit (http://www.aesculap-usa.com/produkt_service/cranio_bu/ps_cbu.htm), 1999-2002	
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249	EBI Medical Website pages on the SpineLink® Anterior Cervical Spinal System (http://www.ebimedical.com/products/spine/anterior.html), 2002	
250	EBI Medical Website pages on the SpineLink®-II The Next Generation in Independent Intrasegmental Fixation (http://www.ebimedical.com/products/spine/spinelink2.html), 2003	
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Examiner Signature	DOCSOC1:146205.1	Date Considered
		2/18/2006

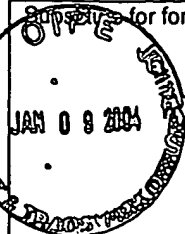
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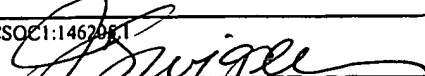
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Supplement to form 1449A/PTO				Complete if Known	
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/698,087
				Filing Date	10/31/2003
				First Named Inventor	Robert S. Howland
				Group Art Unit	Unknown
				Examiner Name	Unassigned
Sheet	9	of	10	Attorney Docket Number	703716.4001

252	Interpore Cross International Website pages on the Altius™ System Occipito-Cervico-Thoracic Posterior Spinal Fixation (http://www.interpore.com/product_altius.html), 2003	
253	Interpore Cross International Website pages on the C-TEK® Anterior Cervical Plate System (http://www.interpore.com/product_ctek.html), 2003	
254	Interpore Cross International Website pages on the SYNERGY™ Spinal System (http://www.interpore.com/product_synergy.html), 2003	
255	Interpore Cross International Website pages on the SYNERGY™ IQ Low Back System (http://www.interpore.com/product_synergy_iq.html), 2003	
256	Interpore Cross International Website pages on the SYNERGY™ Deformity System (http://www.interpore.com/product_synergy_ds.html), 2003	
257	Interpore Cross International Website pages on the TPS™-C The Telescopic Plate Spacer for Cervical Spine (http://www.interpore.com/product_tps.html), 2003	
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259	DePuy Spine, Inc. Website pages on the SUMMIT™ Channel Plate Fixation System (http://www.depuyacromed.com/products/other/summit_channel.asp), 2003	
260	DePuy Spine, Inc. Website pages on the SUMMIT™ 3.0 MM Rod Fixation System (http://www.depuyacromed.com/products/other/summit_rod.asp), 2003	
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262	DePuy Spine, Inc. Website pages on the DOC™ Rod (http://www.depuyacromed.com/products/cervical/docrod.asp), 2003	
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265	DePuy Spine, Inc. Website page on the MOSS MIAMI™ 4.0 (Small Stature Patients) (http://www.depuyacromed.com/products/deformity/moss_miami40.asp), 2003	
266	DePuy Spine, Inc. Website pages on the MOSS MIAMI SI™ (http://www.depuyacromed.com/products/deformity/moss_miami_si.asp), 2003	
267	DePuy Spine, Inc. Website pages on the MOSS MIAMI™ 5.5 Ti (http://www.depuyacromed.com/products/deformity/moss_miami55.asp), 2003	
268	DePuy Spine, Inc. Website pages on the MOSS MIAMI™ 5.0 SS (http://www.depuyacromed.com/products/deformity/moss_miami50.asp), 2003	
269	DePuy Spine, Inc. Website pages on the MONARCH™ 5.5 Ti (http://www.depuyacromed.com/products/deformity/monarch55.asp), 2003	

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

10

of

10

Application Number

10/698,087

Filing Date

10/31/2003

First Named Inventor

Robert S. Howland

Group Art Unit

Unknown

Examiner Name

Unassigned

Attorney Docket Number

703716.4001

270

DePuy Spine, Inc. Website pages on the FRONTIER™
(<http://www.depuyacromed.com/products/deformity/frontier.asp>), 2003

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Stryker Corporation Website page on the Stryker Spine Implants
(<http://www.strykercorp.com/products/spine.htm>)Examiner
Signature

DOC/OCI:146205.1

Date
Considered

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